

BAYONET QUICK COUPLER

Abstract of the Disclosure

A quick coupler formed of two identical sectors that snap lock together in a radially inward direction relative to a central axis of an annular hole passing through the coupler.

The coupler is in the form of a nut or housing for surrounding the ends of two conduits that

are to be coupled. The annular hole extends between opposite end faces and has

5 structure near each end face. The structure at one end of the annular hole comprises a flange for retaining a first conduit when the sectors are snapped surroundingly snapped together on the end of the first conduit. The structure at the other end of the annular hole has circumferentially spaced lugs for cooperation with bosses on the second conduit in a bayonet quick coupling fashion. The combination of the coupler with first and second conduits having cooperating structure enabling the coupler to join the conduits in sealed fluid communication. The method of use of the combination comprises snap fitting the sectors onto an end of the first conduit by radially inward pressure.